

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1270025

Luminaire Tested: P3A13R659740DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270025
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R659740DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

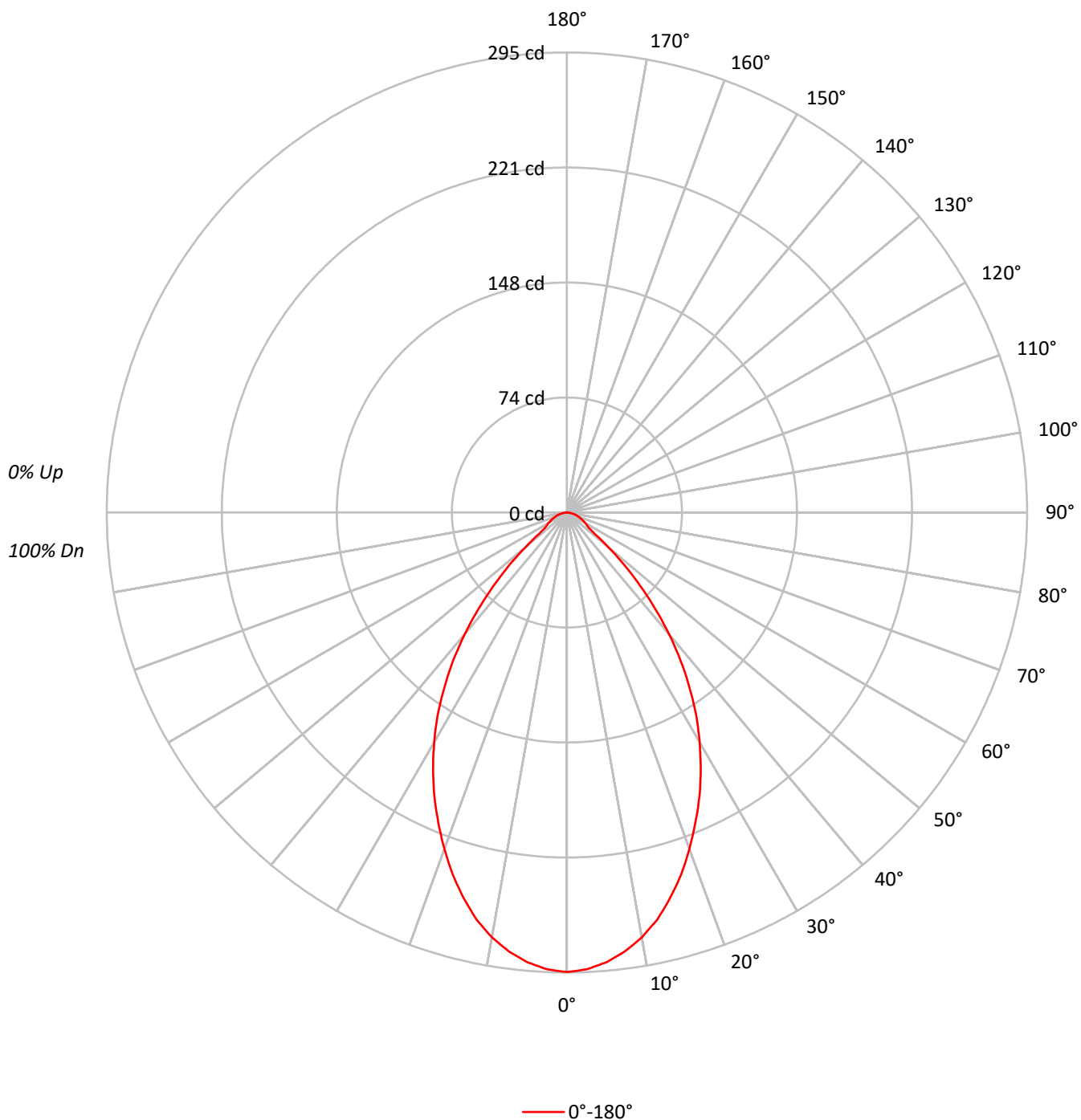
Lumens per Lamp: N/A
Luminaire Lumens: 363.0 lumens
Efficiency: N/A
Efficacy: 24.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1270025

CATALOG NUMBER: P3A13R659740DE010 E3DLD1GPH

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	64600
5°	63724
10°	61589
15°	58093
20°	53578
25°	48632
30°	43070
35°	36647
40°	29169
45°	20591
50°	11940
55°	6537
60°	6052
65°	5500
70°	5001
75°	4660
80°	4041
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20591 cd/sqm

TEST NUMBER: P1270025

CATALOG NUMBER: P3A13R659740DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.2	7.5
10°-20°	71.6	19.7
20°-30°	92.0	25.3
30°-40°	85.1	23.4
40°-50°	51.4	14.2
50°-60°	17.5	4.8
60°-70°	10.5	2.9
70°-80°	5.9	1.6
80°-90°	1.7	0.5
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	190.8	52.6
0°-40°	275.9	76.0
0°-60°	344.8	95.0
0°-90°	363.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	363.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	295	
5°	290	27
15°	256	72
25°	201	92
35°	137	85
45°	66	51
55°	17	18
65°	11	11
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	294.6
2.5°	293.2
5°	289.5
7.5°	284.0
10°	276.6
12.5°	267.4
15°	255.9
17.5°	243.4
20°	229.6
22.5°	215.3
25°	201.0
27.5°	185.8
30°	170.1
32.5°	154.4
35°	136.9
37.5°	119.9
40°	101.9
42.5°	83.9
45°	66.4
47.5°	50.3
50°	35.0
52.5°	22.1
55°	17.1
57.5°	15.2
60°	13.8
62.5°	12.0
65°	10.6
67.5°	9.2
70°	7.8
72.5°	6.9
75°	5.5
77.5°	4.6
80°	3.2
82.5°	2.3
85°	1.4
87.5°	0.9
90°	0.0

(END OF REPORT)